REPLACEMENT SHEET



5/16

								C. c. o Work fiv 14	ork fiv 14
	variable	Conv. Ex. 1 Comp. Ex. 5		Comp. Ex. 6		COMP. EX. / MOFK, EX. 14 COMV. EX. 4		Willip: EX. 0	
ning outer diameter) D0	67.0	67.0	67.0	67.0	67.0	170.0	170.0	170.0
wing impartational	0p	23.0	23.0	23.0	23.0	23.0	55.0	55.0	55.0
pipe illici uramoror	P	19.0	6.0	10.8	13.3	21.0	45.0	25.0	50.0
rod diameter	0Q/0P	0.34	0.34	0.34	0.34	0.34	0.32	0.32	0.32
	D1	65.7	54.0	55.2	56.9	59. 2	167.0	128.0	149. 5
pipe outer diameter (=rod diameter)	d1	19.0	5.1	9.3	11.8	18.7	45.0	19.7	44. 4
ning inner/outer diameter ratio	d1/D1	0.29	0.09	0.17	0.21	0.32	0.27	0.15	0.30
with dismeter	DZ	44.0	44.0	44.0	44.0	44.0	60.0	60.0	60.0
pipe outer urameter	d2	12.7	4.2	7.4	9.1	13.9	16.2	9.5	17.8
pipe inner/outer diameter ratio	d2/D2	0.29	0.09	0.17	0.21	0.32	0.27	0.15	0.30
ratio of pipe inner/outer diameter ratios	(40/00) (41/01)	1.19	3.62	2. 03	1. 66	1.08	1.20	2. 11	1.09
initial etratabing mosition to integrated bosition	LI	0	7.7	62	54	32	0	140	94
integral Stretching Posters.	1.2	85	138	121	108	125	400	270	271
ratio of distance to integrated position over total distance	L1/(L1+L2)	0.00	0.36	0.34	0.33	0. 20	0.00	0.34	0.26
nine pressure reduction level (kPa)		100.0	13.3	13. 3	13.3	13.3	100.0	13.3	13. 3
- 듯		2250	2250	2250	2250	2250	2250	2250	2250
food rate of nine into furnace (mm/min)		10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
draw rate of stratched preform (mm/min)		22.3	20.6	21.1	21.4	22.7	77.5	73.6	78.8
uida idee or concern (nor 100m of preform)		°				0	0	°	
mode field accountricity amount of optical fiber (µ m)		1.41	0.49	0.44	0.21	0. 19	2. 22	0.42	0.28

REPLACEMENT SHEET

FIG. 4

	variable	Conv. Ex. 1 Work. Ex. 1		Work, Ex. 2 Work, Ex. 3		Work. Ex. 4 We	Work. Ex. 5	Comp. Ex. 1 Conv. Ex.	-2	Comp. Ex. 2	Comp. Ex. 3	Comp. Ex. 4	
	_			1	3	5	6,19	67.0	170 0	170 0	166.0	170.0	
pipe outer diameter	8	67.0	48.0	67.0	67.0	67.0	۵٬۰۵	0.70			200.00		
pipe inner diameter	ච	23.0	24.0	23.0	23.0	23.0	23.0	23.0	55.0	55.0	0.99	55.0	
rod diameter	P	19.0	13.0	19.0	19.0	19.0	19.0	19.0	45.0	45.0	41.6	45.0	
nine inner/outer diameter ratio	0Q/0P	0.34	0.50	0.34	0.34	0.34	0.34	0.34	0.32	0.32	0.40	0.32	
nine outer diameter	10	65.7	41.0	51.2	60.3	58. 2	48.4	44.0	167.0	157.5	128.2	98.6	_
pipe inner diameter (=rod diameter)	d1	19.0	12.2	14.8	17.4	16.8	14.0	12.7	45.0	42. 4	33.8	26. 6	
pipe inner/outer diameter ratio	d1/D1	0.29	0.30	0. 29	0.29	0. 29	0.29	0.29	0.27	0.27	0.26	0.27	
nine outer diameter	D2	44.0	30.0	44.0	44.0	44.0	44.0	44.0	60.0	60.0	60.0	60.0	4/
nine inner diameter (=rod diameter)	42	12.7	9.0	12.7	12.7	12.7	12. 7	12. 7	16.2	16.2	15.8	16.2	16
nine inner/outer diameter ratio	d2/D2	0.29	0.30	0. 29	0.29	0. 29	0. 29	0. 29	0.27	0.27	0.26	0.27	
ratio of pipe inner/outer diameter ratios	(10/1P) (00/0P)	1.19	1.68	1. 19	1.19	1. 19	1. 19	1. 19	1.20	1.20	1.51	1. 20	
initial stretching position to integrated position	17	0	88	43	18	22	88	210	0	99	140	377	
integrated position to final stretching position	L2	85	79	88	92	68	22	0	400	344	245	33	
ratio of distance to integrated position over total distance	L1/(L1+L2)	0.00	0.32	0.33	0. 16	0.20	0.80	1.00	0.00	0. 17	0.36	0.92	
pipe pressure reduction level (kPa)		100.0	13.3	13.3	53.3	26.6	6.7	3.3	100.0	40.0	13.3	3.3	
heating temperature of stretching furnace (C)		2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	
feed rate of pipe into furnace (mm/min)		10.0	8.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
draw rate of stretched preform (mm/min)		22. 3	16.9	22. 3	22. 3	22.3	22.3	22.3	77.5	77.5	69.3	77.5	- 1
bubbles in preform (per 100mm of preform)		0	0	0	0	0	2	124	°			12	[
mode field eccentricity amount of optical fiber (μm)		1.41	0.20	0.19	0. 22	0. 20	0. 18	0.19	2. 22	0.33	0. 28	0. 29	